

Measles Testing at the Arizona State Public Health Laboratory

If you have a suspected case of measles at your facility IMMEDIATELY consult with your [county health department](#).

Arizona State Public Health Laboratory (ASPHL) testing capability:

- PCR
- Culture
- IgM Serology (currently unavailable at ASPHL)
 - Please consider sending to commercial labs for timely serological results

*****Your county health department MUST be notified of any specimens prior to submission to ASPHL*****

Collection:

The following specimens can be sent to ASPHL for measles testing:

- Buccal, NP, or Throat swab (**polyester or synthetic only**)
 - **calcium alginate and cotton swabs will be rejected**
- Urine

Any of the following transport media can be used:

- Hanks
- Viral Transport Media
- Universal Transport Media
- Sterile Saline

Storage:

- Swab
 - Store at 4° C
 - If swab will not be tested within 72 hours, store at -70° C
- Urine
 - Store at 4° C

Transport:

An ASPHL [submission form](#) must be filled out for all specimens that are sent to ASPHL

- Transport on wet ice or cool packs

Turnaround Time:

- PCR 1 – 5 days
- Culture 7 – 14 days
- Serology (currently unavailable at ASPHL)

Resources:

County Contact Information: <http://www.azdhs.gov/lab/ebola/index.php?pg=contact>

ASPHL Submission Form: <http://www.azdhs.gov/lab/documents/microbiology/clinical-microbiology-submission-form.pdf>

ASPHL Shipping and Receiving: <http://www.azdhs.gov/lab/shipping-receiving.htm>

ASPHL Guide to Laboratory Services: <http://www.azdhs.gov/lab/documents/microbiology/lab-guide.pdf>

ASPHL Courier Schedule: <http://www.azdhs.gov/lab/documents/microbiology/courier-schedule.pdf>

ASPHL Courier FAQ: <http://www.azdhs.gov/lab/documents/microbiology/courier-service-faqs.pdf>